

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1. (Currently Amended) A device (1) for forming contraction joints in concrete works including a plurality of ~~alternating~~ members forming on either side of a superficial crack line situated on [[the]] an upper side of [[the]] a concrete surface, wherein [[said]] the members ~~are constituted of~~ comprise trays (3, 3'; 12, 12') of a concrete divider material, and the device (1) comprises a plurality of the trays (3, 3'; 12, 12'), alternating on either side of a superficial crack line and assembled on stiff linear members (7, 9, 11), leaving gaps (16) between [[them]] the trays.
2. (Currently Amended) [[A]] The device (1) for forming contraction joints in concrete works according to claim 1, wherein [[said]] the trays (12, 12') include at least one flat area (21) in [[their]] a central portion of the trays (12, 12'), tilted at an angle comprised between [[1]] 0° and 15° with regard to the upper side of the concrete surface.
3. (Currently Amended) [[A]] The device (1) for forming contraction joints in concrete works according to claim 2, wherein the trays (12, 12') are configured by pairs of semi-trays (14, 15) with a broken surface formed with their upper portion (17) and a lower portion (19) tilted at an angle comprised between 40 and 80° with regard to the plane of the ground.
4. (Currently Amended) [[A]] The device (1) for forming contraction joints in concrete works according to claim 2, further comprising supports (30, 31) for the trays (12, 12') with at least two orifices (35, 37) at [[their]] a base of the trays (12, 12') for allowing passage of the stiff linear members (7, 9) through them therethrough.
5. (Currently Amended) [[A]] The device (1) for forming contraction joints in concrete works according to claim 2, wherein the trays (12, 12') have a conduit (25) at least at [[their]] a lower edge of the trays (12, 12') for allowing passage of the stiff linear members (7, 9) therethrough.

6. (Currently Amended) [[A]] The device (1) for forming contraction joints in concrete works according to claim 3, wherein the upper portion (17) and the lower portion (19) of the trays (12, 12') include a plurality of openings (22) regularly arranged therein.

7. (Currently Amended) [[A]] The device (1) for forming contraction joints in concrete works according to claim 2, further comprising a waterproofing joint (40) arranged along the device.

8. (Currently Amended) A device (1) for forming contraction joints in concrete works according to claim 7, wherein [[the]] an upper portion edge (27) of the trays (12, 12') is configured so that [[the]] a lower portion of the waterproofing joint (40) can be fixed therein.

9. (Currently Amended) [[A]] The device (1) for forming contraction joints in concrete works according to claim 3, further comprising supports (30, 31) for the trays (12, 12') with at least two orifices (35, 37) at [[their]] a base of the trays (12, 12') for allowing [[the]] passage of the stiff linear members (7, 9) through them therethrough.

10. (Currently Amended) [[A]] The device (1) for forming contraction joints in concrete works according to claim 3, wherein the trays (12, 12') have a conduit (25) at least at [[their]] a lower edge of the trays (12, 12') for allowing passage of the stiff linear members (7, 9) therethrough.

11. (Currently Amended) [[A]] The device (1) for forming contraction joints in concrete works according to claim 3, further comprising a waterproofing joint (40) arranged along the device.

12. (New) A device (1) for forming contraction joints in concrete works including a plurality of members for forming a superficial crack line situated on an upper side of a concrete surface, wherein the members comprise trays (3, 3'; 12, 12') of a concrete divider material, and the device (1) comprises a plurality of the trays (3, 3'; 12, 12'), alternating on either side of a superficial crack line and assembled on stiff linear members (7, 9, 11), leaving gaps (16) between the trays,

and wherein the trays (12, 12') include at least one flat area (21) in a central portion of the trays (12, 12'), tilted at an angle comprised between 0° and 15° with regard to the upper side of the concrete surface.

13. (New) A device (1) for forming contraction joints in concrete works, comprising:

a plurality of stiff linear members (7, 9, 11) connected by supports (5, 5') between them such that the stiff linear members (7, 9, 11) form a three-dimensional triangular structure having two faces and a base; and

a plurality of trays (3, 3'; 12, 12') of a concrete divider material, alternately arranged on the two faces of the triangular structure on either side of one of the stiff linear members (11), having gaps (16) between the trays (3, 3'; 12, 12'),

wherein at least one tray is formed by two half-trays (14, 15), each half-tray (14, 15) having a broken surface formed with an upper portion (17) and a lower portion (19) that are parallel to each other and tilted at an acute angle I with respect to a base of the triangular structure, the upper portion (17) and the lower portion (19) being connected by a central portion (21) that is at an angle C with respect to the base of the triangular structure.

14. (New) The device (1) for forming contraction joints in concrete works according to claim 13, wherein the upper portion (17) and the lower portion (19) each include open areas (22).

15. (New) The device (1) for forming contraction joints in concrete works according to claim 13, wherein the acute angle I is between 40 and 80 degrees.

16. (New) The device (1) for forming contraction joints in concrete works according to claim 13, wherein the angle C is between 0 and 15 degrees.

17. (New) The device (1) for forming contraction joints in concrete works according to claim 13, further comprising a waterproofing joint (40) having a plurality of lips (45, 47) and having a U-shaped lower portion for receiving one of the stiff linear members (11).

18. (New) The device (1) for forming contraction joints in concrete works according to claim 17, wherein an upper edge (27) of the half-trays (14, 15) is configured in a U shape to receive the U-shaped lower portion of the waterproofing joint (40).

19. A method for forming contraction joints in concrete works, comprising the step of placing the device of claim 13 such that one of the stiff linear members (11) of the device (1) coincides with a superficial crack line (24) situated on an upper side of a concrete surface, and the plurality of trays (3, 3'; 12, 12') are alternately arranged on either side of the superficial crack line.